

18136-1055 US.ST25.txt  
SEQUENCE LISTING

<110> Sangameswaran, Lakshmi

<120> Human Pheromone Receptors

<130> 18136-1055

<160> 12

<170> PatentIn version 3.0

<210> 1

<211> 1059

<212> DNA

<213> Homo sapiens

<400> 1

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20          25          30

Gln His Pro Leu Asp Phe Asp Glu Met Ala Phe Gly Lys Val Lys Ser
35          40          45

Gly Ile Ser Phe Leu Ile Gln Thr Gly Val Gly Ile Leu Gly Asn Ser
50          55          60

Phe Leu Leu Cys Phe Tyr Asn Leu Ile Leu Phe Thr Gly His Lys Leu
65          70          75          80

Arg Pro Thr Asp Leu Ile Leu Ser Gln Leu Ala Leu Ala Asn Ser Met
85          90          95

Val Leu Phe Phe Lys Gly Ile Pro Gln Thr Met Ala Ala Phe Gly Leu
100         105         110

Lys Tyr Leu Leu Asn Asp Thr Gly Cys Lys Phe Val Phe Tyr Tyr His
115         120         125

Arg Val Gly Thr Arg Val Ser Leu Ser Thr Ile Cys Leu Leu Asn Gly
130         135         140

Phe Gln Ala Ile Lys Leu Asn Pro Ser Ile Cys Arg Trp Met Glu Ile
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Lys Ile Arg Ser Pro Arg Phe Ile Asp Phe Cys Cys Leu Leu Cys Trp
165         170         175

Ala Pro His Val Leu Met Asn Ala Ser Val Leu Leu Leu Val Asn Gly
180         185         190

Pro Leu Asn Ser Lys Asn Ser Ser Ala Lys Asn Asn Tyr Gly Tyr Cys
195         200         205

Ser Tyr Lys Ala Ser Lys Arg Phe Ser Ser Leu His Ala Val Leu Tyr
210         215         220

Phe Ser Pro Asp Phe Met Ser Leu Gly Phe Met Val Trp Ala Ser Gly
225         230         235         240

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Ser Met Val Phe Phe Leu Tyr Arg His Lys Gln Gln Val Gln His Asn  
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His Ser Asn Arg Leu Ser Cys Arg Pro Ser Gln Glu Ala Arg Ala Thr  
260 265 270

His Thr Ile Met Val Leu Val Ser Ser Phe Phe Val Phe Tyr Ser Val  
275 280 285

His Ser Phe Leu Thr Ile Trp Thr Thr Val Val Ala Asn Pro Gly Gln  
290 295 300

Trp Ile Val Thr Asn Ser Val Leu Val Ala Ser Cys Phe Pro Ala Arg  
305 310 315 320

Ser Pro Phe Val Leu Ile Met Ser Asp Thr His Ile Ser Gln Phe Cys  
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<212> DNA

<213> Homo sapiens

<400> 3

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tccacagatt tgattgttaa gcacctgatt gtagccaact tcttagctct ccgctgtaaa 180

ggagtcccc agacaatggc agcttttggg gtagatatt ttctcaatgc tcttgggtgc 240

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ttgagtgtct tccaggtgat cacggtcagc tccaggaaat ccaggtgggc aaaacttaaa 360

gagaaagccc ccaagcatgt tggcttttct gttctcctgt gctggatcgt gtgcatgttg 420

gtaaacaatca tctttcccat gtatgtgact ggcaaatgga actacacaaa catcacagtg 480

aacgaggatt tgggatactg ttctggggga ggcaacaaca aaatcgaca gacactgcgt 540

gcaatgttgt tatcattccc tgatgtgttg tgtctggggc tcatgctctg ggtcagcagc 600

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## 18136-1055 US.ST25.txt

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Met Ala Ser Arg Tyr Val Ala Val Gly Met Ile Leu Ser Gln Thr Val
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Val Gly Val Leu Gly Ser Phe Ser Val Leu Leu His Tyr Leu Ser Phe
          20          25          30
Tyr Cys Thr Gly Cys Arg Leu Arg Ser Thr Asp Leu Ile Val Lys His
          35          40          45
Leu Ile Val Ala Asn Phe Leu Ala Leu Arg Cys Lys Gly Val Pro Gln
          50          55          60
Thr Met Ala Ala Phe Gly Val Arg Tyr Phe Leu Asn Ala Leu Gly Cys
65          70          75          80
Lys Leu Val Phe Tyr Leu His Arg Val Gly Arg Gly Val Ser Ile Gly
          85          90          95
Thr Thr Cys Leu Leu Ser Val Phe Gln Val Ile Thr Val Ser Ser Arg
          100          105          110
Lys Ser Arg Trp Ala Lys Leu Lys Glu Lys Ala Pro Lys His Val Gly
          115          120          125
Phe Ser Val Leu Leu Cys Trp Ile Val Cys Met Leu Val Asn Ile Ile
          130          135          140
Phe Pro Met Tyr Val Thr Gly Lys Trp Asn Tyr Thr Asn Ile Thr Val
145          150          155          160
Asn Glu Asp Leu Gly Tyr Cys Ser Gly Gly Gly Asn Asn Lys Ile Ala
          165          170          175
Gln Thr Leu Arg Ala Met Leu Leu Ser Phe Pro Asp Val Leu Cys Leu
          180          185          190

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18136-1055 US.ST25.txt

Gly Leu Met Leu Trp Val Ser Ser Ser Met Val Cys Ile Leu His Arg  
195 200 205

His Lys Gln Arg Val Gln His Ile Asp Arg Ser Asn Leu Ser Pro Arg  
210 215 220

Ala Ser Pro Glu Asn Arg Ala Thr Gln Ser Ile Leu Ile Leu Val Ser  
225 230 235 240

Thr Phe Val Ser Ser Tyr Thr Leu Ser Cys Leu Phe Gln Val Cys Met  
245 250 255

Ala Leu Leu Asp Asn Pro Asn Ser Leu Leu Val Asn Thr Ser Ala Leu  
260 265 270

Met Ser Val Cys Phe Pro Thr Leu Ser Pro Phe Val Leu Met Ser Cys  
275 280 285

Asp Pro Ser Val Tyr Arg Phe Cys Phe Ala Trp Lys Arg  
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<210> 5  
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<220>  
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36

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<223> 3' Primer for hV3R8

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33

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